Bachelor of Science in Systems Engineering†
Department of Systems and Industrial Engineering

Program Educational Objectives

Objective 1:
Technical Proficiency: Graduates integrate mathematics, physics, engineering science, operations research, applied probability and statistics, and computer simulation to model and analyze entire systems that are composed of their individual components and subsystems.

Objective 2:
Professional Growth: Graduates develop and exercise their capabilities for lifelong learning as a means to enhance their technical and social skills.

Objective 3:
Management Skills: Graduates develop and refine their management, communications, and professional skills to increase their effectiveness as team members and team leaders.

† Accredited by the Engineering Accreditation Commission of ABET, 415 North Charles Street, Baltimore, MD 21201 | 410.347.7700.